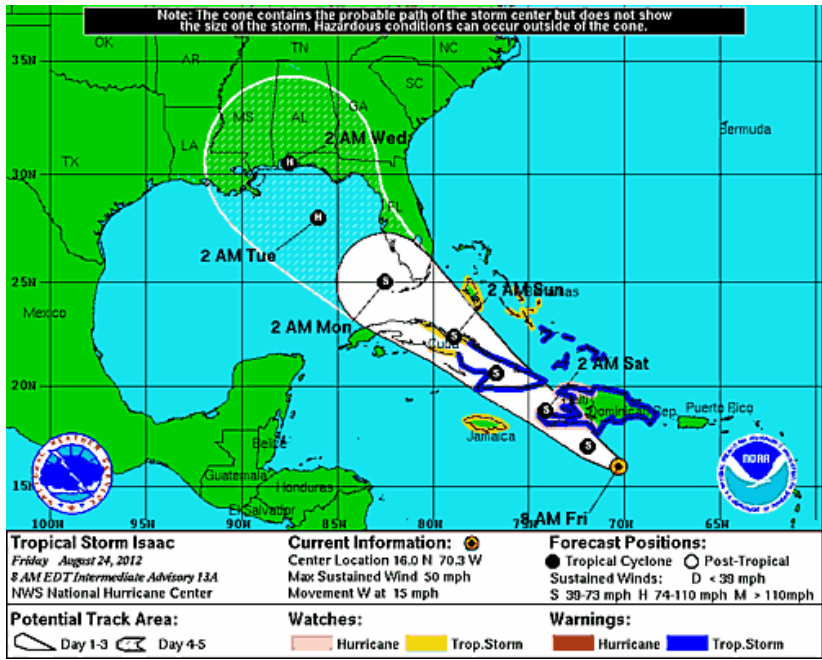
	<h1 style="text-align: center;">City of Fort Lauderdale</h1> <h2 style="text-align: center;">Emergency Management</h2> <h1 style="text-align: center; color: red;">BRIEFING REPORT # 3</h1>		<b>Contact Information</b>  Standard hours phone: 954-828-6700 Fax: 954-828-6709
1. Incident Name <b>TROPICAL STORM ISAAC</b>	2. Date <b>August 24, 2012</b>	3. Time <b>09:00HRS</b>	
4. City EOC Activation Level <b>Level 3- monitoring &amp; assessment</b>	5. Emergency Declaration: (Local, County, State or Federal) <b>None</b>	6. Prepared by: <b>EM Coordinator</b>	
<p><b>BULLETIN</b>          TROPICAL STORM ISAAC INTERMEDIATE ADVISORY NUMBER 13A          NWS NATIONAL HURRICANE CENTER MIAMI FL AL092012          800 AM EDT FRI AUG 24 2012</p> <p>AT 800 AM EDT...1200 UTC...THE CENTER OF TROPICAL STORM ISAAC WAS LOCATED NEAR LATITUDE 16.0 NORTH...LONGITUDE 70.3 WEST. ISAAC IS MOVING TOWARD THE WEST NEAR 15 MPH...24 KM/H. A TURN TOWARD THE WEST-NORTHWEST IS EXPECTED LATER TODAY FOLLOWED BY A TURN TOWARD THE NORTHWEST TONIGHT. ON THE FORECAST TRACK...THE CENTER OF ISAAC WILL MOVE NEAR OR OVER HISPANIOLA TODAY...AND MOVE NEAR OR OVER SOUTHEASTERN CUBA ON SATURDAY.</p> <p>REPORTS FROM AN AIR FORCE RESERVE HURRICANE HUNTER AIRCRAFT INDICATE THAT MAXIMUM SUSTAINED WINDS HAVE INCREASED TO NEAR 50 MPH...80 KM/H...WITH HIGHER GUSTS. ADDITIONAL STRENGTHENING IS FORECAST WHILE THE CENTER REMAINS OVER WATER.</p> <p>TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 185 MILES...295 KM FROM THE CENTER.</p> <p>THE MINIMUM CENTRAL PRESSURE REPORTED BY THE HURRICANE HUNTER AIRCRAFT IS 1000 MB...29.53 INCHES.</p>			
<b>8. INCIDENT GRAPHICS AND INFORMATION</b>			
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;">  <p><b>Tropical Storm Isaac</b>          Friday August 24, 2012          8 AM EDT Intermediate Advisory 13A          NWS National Hurricane Center</p> <p><b>Current Information:</b>          Center Location 16.0 N 70.3 W          Max Sustained Wind 50 mph          Movement W at 15 mph</p> <p><b>Forecast Positions:</b>          Tropical Cyclone: ●          Post-Tropical: ○          Sustained Winds: D &lt; 39 mph          S 39-73 mph H 74-110 mph M &gt; 110mph</p> <p><b>Potential Track Area:</b>          Day 1-3: [Line with circle] Day 4-5: [Line with square]</p> <p><b>Warnings:</b>          Hurricane: [Red box] Trop.Storm: [Yellow box]          Hurricane: [Red box] Trop.Storm: [Blue box]</p> </div> <div style="width: 48%;"> <p><b>National Hurricane Center 8/24/12 – 8:30am Briefing:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> TS trying to get organized</li> <li><input type="checkbox"/> Track stayed to South</li> <li><input type="checkbox"/> Models are in slight more agreement then yesterday</li> <li><input type="checkbox"/> TS Wind Probabilities for Broward County at 20-30%</li> </ul> <p><b>Potential Impact for South Florida:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Down Powerlines</li> <li><input type="checkbox"/> Down Trees/ uprooted weak trees</li> <li><input type="checkbox"/> Tornados- Sunday to Monday</li> <li><input type="checkbox"/> Rainfall- 3 to 6 inches or more in isolated areas</li> <li><input type="checkbox"/> Potential Flood Watch for our Area this weekend</li> </ul> <p>Fort Lauderdale EM will continue to monitor the progress of TS Isaac for potential watches and warnings for our area within the 11am or 5pm NHC Advisories. <b>Next FTL EM Briefing Report on 8/25/12 @ 09:00HRS.</b></p> <p><b>Next NHC Briefing on 8/25/12 @ 8:30am</b></p> </div> </div>			
9. APPROVED BY  <b>Battalion Chief Jo-Ann Lorber</b>	10. TITLE  <b>Emergency Manager</b>	11. DATE/TIME  <b>August 24, 2012/ 09:00HRS</b>	

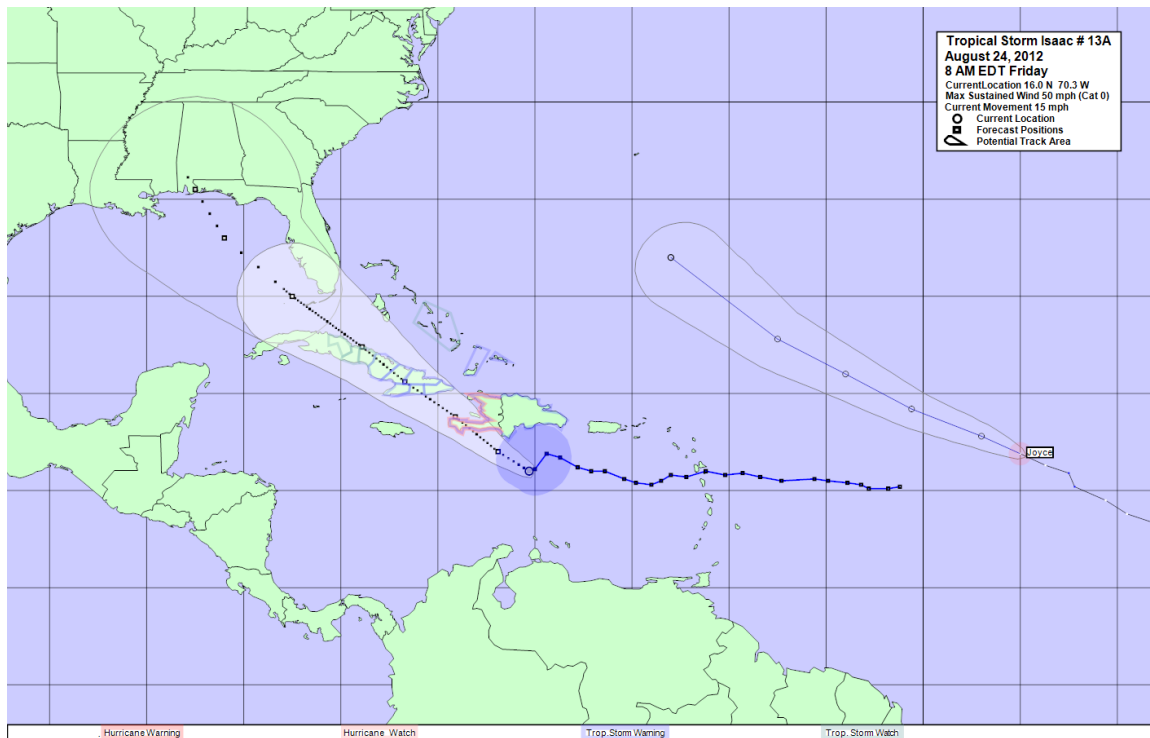
# Storm Summary for Tropical Storm Isaac

Friday, August 24, 2012 at 8 AM EDT

(Output from Hurrevac, based on National Hurricane Center Forecast Advisory # 13A)

Isaac is currently a tropical storm on the Saffir-Simpson Hurricane Wind Scale, with maximum sustained winds of 50 mph (43 kts), moving west-southwest at 15 mph. The estimated minimum central pressure is 1000 mb. Tropical storm-force winds extend outward up to 185 miles (295 km) from the storm center.

Certain coastal locations are under Hurricane Watch, Tropical Storm Warning, and Tropical Storm Watch as illustrated in the map below. The geographic extents of these watches and warnings are detailed in the advisory text at the end of this report.



WTNT34 KNHC 241147

BULLETIN

TROPICAL STORM ISAAC INTERMEDIATE ADVISORY NUMBER 13A  
NWS NATIONAL HURRICANE CENTER MIAMI FL AL092012  
800 AM EDT FRI AUG 24 2012

...HURRICANE HUNTER AIRCRAFT REPORTS THAT ISAAC IS A LITTLE  
STRONGER...

SUMMARY OF 800 AM EDT...1200 UTC...INFORMATION

LOCATION...16.0N 70.3W  
ABOUT 175 MI...280 KM SSW OF SANTO DOMINGO DOMINICAN REPUBLIC  
ABOUT 220 MI...355 KM SE OF PORT AU PRINCE HAITI  
MAXIMUM SUSTAINED WINDS...50 MPH...80 KM/H  
PRESENT MOVEMENT...W OR 275 DEGREES AT 15 MPH...24 KM/H  
MINIMUM CENTRAL PRESSURE...1000 MB...29.53 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

NONE.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A HURRICANE WATCH IS IN EFFECT FOR...  
\* HAITI

A TROPICAL STORM WARNING IS IN EFFECT FOR...  
\* DOMINICAN REPUBLIC  
\* HAITI  
\* CUBAN PROVINCES OF CAMAGUEY...LAS TUNAS...GRANMA...HOLGUIN...  
SANTIAGO DE CUBA...AND GUANTANAMO  
\* SOUTHEASTERN BAHAMAS INCLUDING THE ACKLINS...CROOKED ISLAND...LONG  
CAY...THE INAGUAS...MAYAGUANA...AND THE RAGGED ISLANDS  
\* TURKS AND CAICOS ISLANDS

A TROPICAL STORM WATCH IS IN EFFECT FOR...  
\* CUBAN PROVINCES OF CIEGO DE AVILA...SANCTI SPIRITUS...AND VILLA  
CLARA  
\* ANDROS ISLAND AND THE CENTRAL BAHAMAS INCLUDING CAT ISLAND...THE  
EXUMAS...LONG ISLAND...RUM CAY...AND SAN SALVADOR  
\* JAMAICA

A HURRICANE WATCH MEANS THAT HURRICANE CONDITIONS ARE POSSIBLE  
WITHIN THE WATCH AREA...IN THIS CASE WITHIN THE NEXT 24 TO 36 HOURS.

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE  
EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 36 HOURS.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE  
POSSIBLE WITHIN THE WATCH AREA...GENERALLY WITHIN 48 HOURS.

INTERESTS THE REMAINDER OF CUBA...THE REMAINDER OF THE BAHAMAS...  
SOUTH FLORIDA...AND THE FLORIDA KEYS SHOULD MONITOR THE PROGRESS OF  
ISAAC.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...PLEASE MONITOR PRODUCTS ISSUED BY YOUR NATIONAL METEOROLOGICAL SERVICE.

#### DISCUSSION AND 48-HOUR OUTLOOK

AT 800 AM EDT...1200 UTC...THE CENTER OF TROPICAL STORM ISAAC WAS LOCATED NEAR LATITUDE 16.0 NORTH...LONGITUDE 70.3 WEST. ISAAC IS MOVING TOWARD THE WEST NEAR 15 MPH...24 KM/H. A TURN TOWARD THE WEST-NORTHWEST IS EXPECTED LATER TODAY FOLLOWED BY A TURN TOWARD THE NORTHWEST TONIGHT. ON THE FORECAST TRACK...THE CENTER OF ISAAC WILL MOVE NEAR OR OVER HISPANIOLA TODAY...AND MOVE NEAR OR OVER SOUTHEASTERN CUBA ON SATURDAY.

REPORTS FROM AN AIR FORCE RESERVE HURRICANE HUNTER AIRCRAFT INDICATE THAT MAXIMUM SUSTAINED WINDS HAVE INCREASED TO NEAR 50 MPH...80 KM/H...WITH HIGHER GUSTS. ADDITIONAL STRENGTHENING IS FORECAST WHILE THE CENTER REMAINS OVER WATER.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 185 MILES...295 KM FROM THE CENTER.

THE MINIMUM CENTRAL PRESSURE REPORTED BY THE HURRICANE HUNTER AIRCRAFT IS 1000 MB...29.53 INCHES.

#### HAZARDS AFFECTING LAND

RAINFALL...TOTAL RAINFALL ACCUMULATIONS OF 8 TO 12 INCHES...WITH MAXIMUM AMOUNTS OF 20 INCHES...ARE POSSIBLE OVER HISPANIOLA. THESE RAINS COULD CAUSE LIFE-THREATENING FLASH FLOODS AND MUD SLIDES. TOTAL RAIN ACCUMULATIONS OF 4 TO 8 INCHES...WITH MAXIMUM AMOUNTS OF 12 INCHES...ARE POSSIBLE ACROSS EASTERN CUBA AND JAMAICA. TOTAL RAIN ACCUMULATIONS OF 2 TO 4 INCHES...WITH MAXIMUM AMOUNTS OF 6 INCHES ARE EXPECTED OVER PUERTO RICO AND THE VIRGIN ISLANDS. TOTAL RAIN ACCUMULATIONS OF 2 TO 4 INCHES ARE POSSIBLE OVER THE SOUTHEASTERN BAHAMAS.

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED OVER PORTIONS OF THE DOMINICAN REPUBLIC AND HAITI TODAY. TROPICAL STORM CONDITIONS ARE EXPECTED OVER THE SOUTHEASTERN BAHAMAS AND THE TURKS AND CAICOS ISLANDS LATER TODAY AND TONIGHT. TROPICAL STORM CONDITIONS ARE EXPECTED OVER EASTERN CUBA BY TONIGHT. TROPICAL STORM CONDITIONS ARE POSSIBLE OVER CENTRAL CUBA...THE CENTRAL BAHAMAS...AND ANDROS ISLAND BY SATURDAY.

STORM SURGE...A STORM SURGE WILL RAISE WATER LEVELS BY AS MUCH AS 1 TO 3 FEET ABOVE NORMAL TIDE LEVELS IN AREAS OF ONSHORE WINDS IN THE TROPICAL STORM WARNING AREA. NEAR THE COAST...THE SURGE WILL BE ACCOMPANIED BY DANGEROUS WAVES.

SURF...DANGEROUS SURF AND RIP CURRENT CONDITIONS WILL AFFECT THE LEEWARD ISLANDS...VIRGIN ISLANDS...PUERTO RICO...HISPANIOLA...THE SOUTHEASTERN BAHAMAS...THE TURKS AND CAICOS...AND EASTERN CUBA DURING THE NEXT COUPLE OF DAYS. PLEASE CONSULT PRODUCTS FROM YOUR LOCAL WEATHER OFFICE FOR MORE INFORMATION.

NEXT ADVISORY

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NEXT COMPLETE ADVISORY...1100 AM EDT.

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FORECASTER BEVEN  
WWWW  
WTNT44 KNHC 240859

TROPICAL STORM ISAAC DISCUSSION NUMBER 13  
NWS NATIONAL HURRICANE CENTER MIAMI FL AL092012  
500 AM EDT FRI AUG 24 2012

DATA FROM THE HURRICANE HUNTER AIRCRAFT INDICATE THAT ISAAC REMAINS POORLY ORGANIZED. WHILE THE 850-MB FLIGHT LEVEL CENTER WAS WELL SOUTH OF THE PREVIOUSLY ESTIMATED SURFACE CENTER LOCATION... DROPSONDE DATA SUGGEST THAT THE SURFACE CENTER REMAINS FARTHER NORTH. FLIGHT LEVEL AND SFMR WINDS SUPPORT MAINTAINING THE INTENSITY AT 40 KT FOR THIS ADVISORY...WHILE THE AIRCRAFT FOUND A MINIMUM PRESSURE OF 1000 MB. GIVEN THE CURRENT LACK OF ORGANIZATION OF THE INNER CORE...ONLY LIMITED STRENGTHENING IS FORECAST BEFORE THE CYCLONE BEGINS TO INTERACT WITH HISPANIOLA IN THE NEXT 24 HOURS. AFTER THAT TIME LITTLE CHANGE IS FORECAST AS ISAAC INTERACTS WITH PORTIONS OF CUBA. LATER IN THE PERIOD...ISAAC SHOULD HAVE AN OPPORTUNITY TO STRENGTHEN OVER THE STRAITS OF FLORIDA AND THE GULF OF MEXICO...AND THE NHC FORECAST IS CLOSE TO THE LGEM MODEL AT DAYS 4 AND 5. IT SHOULD BE NOTED THAT THERE IS SIGNIFICANT UNCERTAINTY IN TROPICAL CYCLONE INTENSITY PREDICTIONS AT 3 TO 5 DAYS.

THE LONG TERM INITIAL MOTION ESTIMATE IS A HIGHLY UNCERTAIN 275/13...AS THE INITIAL POSITION ESTIMATE IS BASED ON A BLEND OF RECENT FIXES AND CONTINUITY. THE TRACK MODEL GUIDANCE CONTINUES TO BE IN GENERALLY GOOD AGREEMENT ON THE RESUMPTION OF A WEST-NORTHWESTWARD AND THEN NORTHWESTWARD MOTION IN THE NEXT 24 HOURS AS THE SUBTROPICAL RIDGE NORTH OF ISAAC WEAKENS. THIS GENERAL MOTION SHOULD CONTINUE THROUGH DAY 4...WHEN A TURN MORE TOWARD THE NORTH IS SHOWN AS A SHORTWAVE TROUGH AMPLIFIES OVER THE MISSISSIPPI VALLEY. LATE IN THE PERIOD THE TRACK MODEL GUIDANCE IS IN BETTER AGREEMENT ON THIS SCENARIO...AS THE ECMWF HAS TRENDED EASTWARD TOWARD THE REST OF THE MODELS THIS CYCLE. THE NEW NHC FORECAST HAS BEEN ADJUSTED ABOUT A DEGREE SOUTHWARD IN THE FIRST 12 HOURS DUE TO THE INITIAL POSITION AND MOTION...AND IS THEN BLENDED BACK TOWARD THE PREVIOUS TRACK BY 48 HOURS. AFTER THAT TIME...THE NHC FORECAST IS ESSENTIALLY AN UPDATE OF THE PREVIOUS ONE...AND IS BETWEEN THE ECMWF ON THE LEFT AND THE GFS AND TVCA CONSENSUS ON THE RIGHT.

IT IS IMPORTANT NOT TO FOCUS ON THE EXACT TRACK DUE TO UNCERTAINTIES IN THE INITIAL LOCATION AND THE TRACK FORECAST...AND THE FACT THAT ISAAC HAS A LARGE AREA OF TROPICAL STORM FORCE WINDS ASSOCIATED WITH IT.

#### FORECAST POSITIONS AND MAX WINDS

INIT	24/0900Z	16.1N	70.0W	40 KT	45 MPH
12H	24/1800Z	17.0N	71.9W	50 KT	60 MPH
24H	25/0600Z	18.8N	74.1W	45 KT	50 MPH
36H	25/1800Z	20.6N	76.7W	45 KT	50 MPH...INLAND
48H	26/0600Z	22.4N	78.9W	45 KT	50 MPH...OVER WATER
72H	27/0600Z	25.0N	82.5W	55 KT	65 MPH
96H	28/0600Z	28.0N	86.0W	65 KT	75 MPH
120H	29/0600Z	30.5N	87.5W	75 KT	85 MPH...INLAND

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FORECASTER BRENNAN